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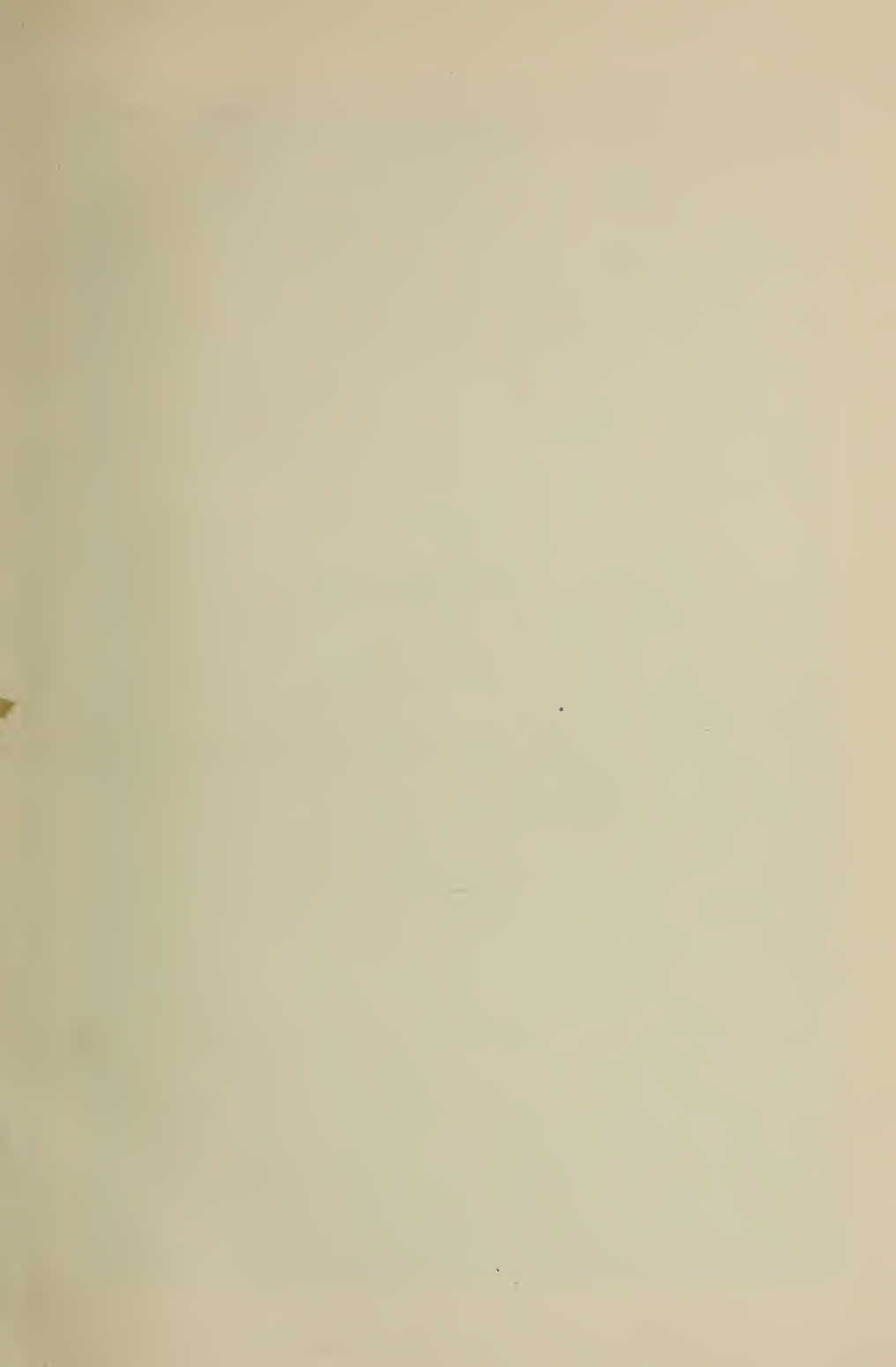
REPORTS

Southern University,

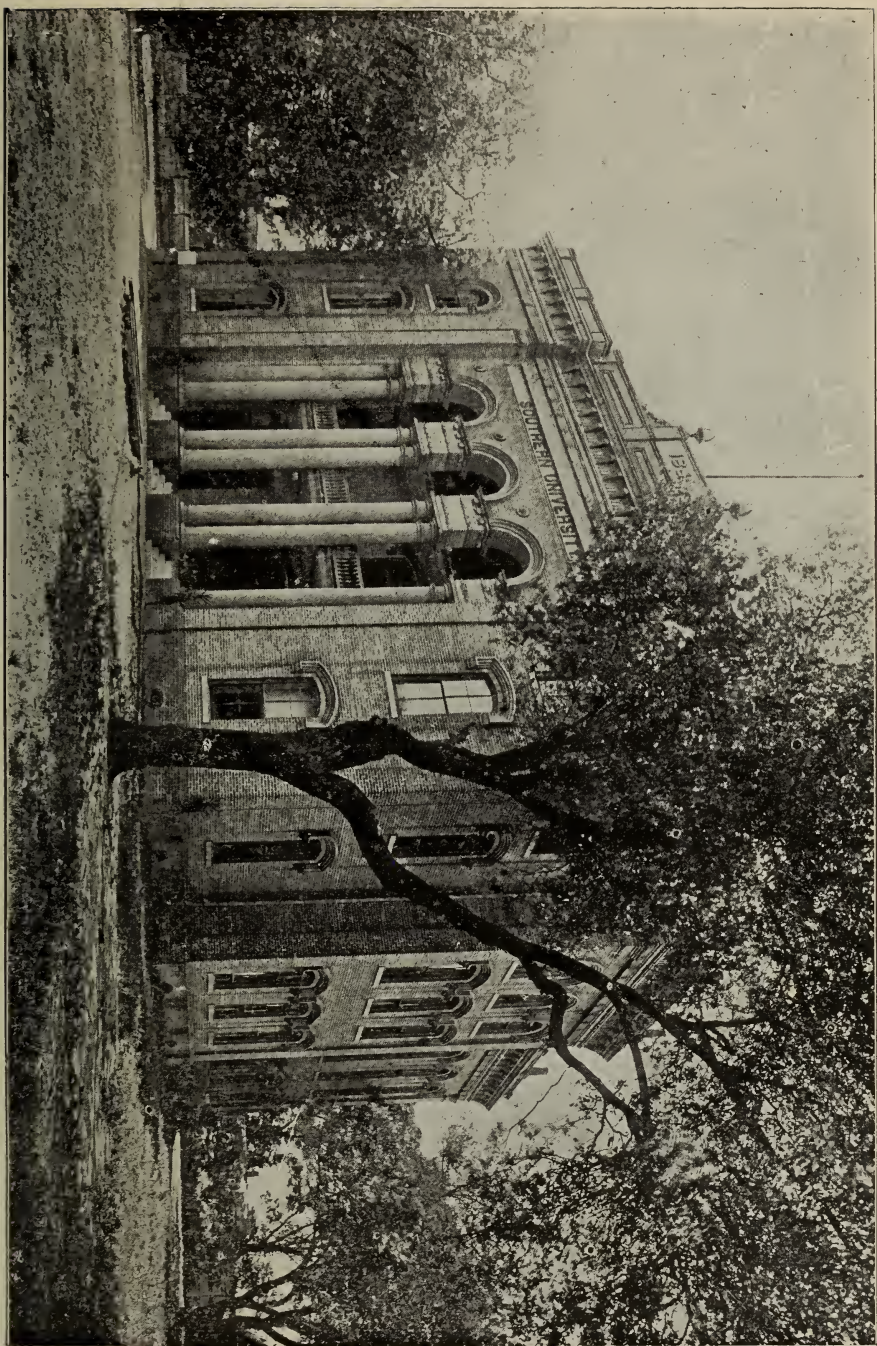
New Orleans, La.

1903-1904.





SOUTHERN UNIVERSITY—CENTRAL BUILDING.



❧REPORTS❧

Southern University,

1903-1904.

New Orleans, La.

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MR. WM. H. PREIS,	HON. L. H. MARRERO,
HON. J. C. HENRIQUES,	MR. ERNEST CUCULLU,
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MR. H. H. FREEMAN.	

03-04, 06-08

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W. H. PREIS, J. C. HENRIQUES,
L. H. MARRERO, ERNEST CUCULLU,
H. H. FREEMAN.

1903-1904

FACULTY
—OF THE—
UNIVERSITY.

H. A. HILL, PRESIDENT

AND

Professor of Mental and Moral Philosophy

F. L. ST. MARTIN,

Superintendent Agricultural Department.

E. P. BARRELL,

Professor of Chemistry and Physics.

MILLARD F. MITHOFF,

Principal Mechanical Department.

CHARLES E. ROOS,

Professor of English and Ancient Languages.

W. J. NICKERSON,

Principal of Music Department.

MRS. E. E. BARRELL,

Principal of Girls' Industrial Department.

G. S. WASHINGTON,

Principal of Printing Department.

1903-1904

FACULTY

—OF—

HIGH SCHOOL AND PREPARATORY DEPARTMENTS.

H. A. HILL, PRESIDENT.

MRS. L. M. MARTINET,

Teacher in High School.

MISS A. B. KENNEDY,

Teacher in High School.

WM. J. BAUDUIT,

Teacher in High School.

MISS ODILE A. JOSEPH,

Teacher in Grammar School.

FREDERICK F. SIMMS,

Teacher in Grammar School.

MRS. A. T. GETZ,

Teacher in Grammar School.

MISS LILLIE A. HUMPHREY,

Teacher in Grammar School.

W. B. SMITH,

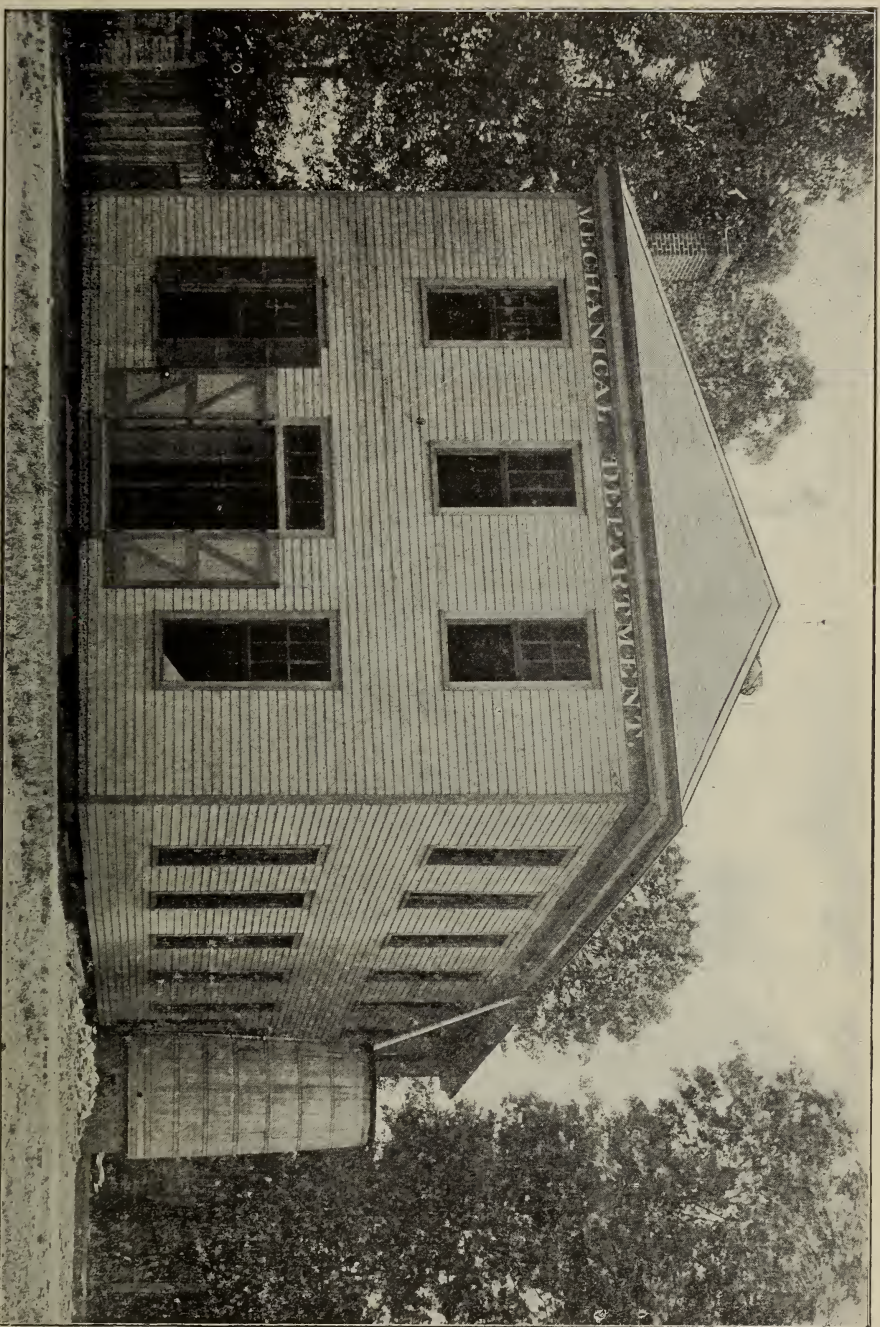
Teacher in Grammar School.

MISS ERNESTINE M. THEOPHILE,

Teacher in Grammar School.

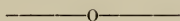
MRS. MARY BRIDGES,

Portress.



SOUTHERN UNIVERSITY—MECHANICAL BUILDING.

REPORT OF THE PRESIDENT OF THE BOARD OF TRUSTEES OF THE SOUTHERN UNIVERSITY.



To His Excellency, the Governor, and the Members of the General Assembly of the State of Louisiana:

I beg leave to hand you herewith for your consideration, full reports touching the affairs of the Southern University on April 1st, 1904, namely:

1. Report of Professor H. A. Hill, President of the Faculty, accompanied by reports of the heads of the different departments;

2. Report of Mr. J. C. Henriques, Secretary and Treasurer of the Board of Trustees, embracing the financial statement of the University, to which I most respectfully ask your scrutiny;

3. The report of Mr. F. L. St. Martin, Superintendent of the farm, showing the work done at that institution.

The number of pupils in attendance at this school has been quite equal to any in its history. Many more students could have been received at the school, in its lowest grade, but there was not seating capacity, nor would the funds, which are appropriated for the alimony of the institution, allow us to increase, any more than we have, the present corps of teachers.

The present Faculty of the school is very efficient, and they are all doing good work. One of the best evidences of the efficient work done by the Faculty of this institution is demonstrated by the fact that in the past four years, all new teachers that have been employed, were graduates of the institution, and since their employment they have proven to be fully qualified to fill the positions.

The farm has been kept in first class condition, which is quite

an item in itself, for the reason that it covers considerable territory, and necessitates the expenditure of considerable money to keep it as it should be kept. The dairy department has been progressing nicely under the management of Prof. C. E. Roos.

I would again respectfully direct your attention to the mortgage on this institution, which amounts to eight thousand dollars, and is now bearing six and one-half per cent. per annum interest; this indebtedness has been running for years, and previously bore interest at the rate of eight per cent. per annum; the present Board had it reduced to six and one-half per cent. This debt was originally incurred for the building in the square bounded by Magazine, Dufossat, Constance and Soniat Streets.

I would respectfully suggest that it would be advisable for the Legislature to appropriate the sum of eight thousand dollars, with which to take up this debt, because the institution is forced to pay six and one-half per cent. interest on this indebtedness, which, in itself, is quite an item, and if it were possible to wipe out the indebtedness, it would allow the amount annually expended in interest out of the alimony of the institution to be used for the purpose of its maintenance.

Respectfully submitted,

W. H. PRIES,

President of the Board of Trustees of Southern University.
New Orleans, April 1st, 1904.

REPORT OF TREASURER OF SOUTHERN UNIVERSITY.

To the President and Members of the Board of Trustees of the Southern University:

DEAR SIRS—I would respectfully herewith beg to submit my report as Treasurer of the Southern University and A. & M. College, giving in detail the receipts and disbursements for the past two years, from June 1st, 1902, to April 1st, 1904.

The expenses from April 1st, 1904, to July 1st, 1904, will be, approximately, about fifty-five hundred dollars.

During the past two years, there has been more need for money to defray the expenses of the institution than there has been in the past, for the reason, that new teachers were employed, to meet the demands of the increased attendance at the school.

We have, as you know, during the past two years, kept up the institution and made all the necessary improvements that were demanded of us, in the way of maintaining efficiency in all departments; we have also kept up the stock at the farm. We had the misfortune to lose several mules, one horse, and several cows and a bull, from charbon, which necessitated the purchase of a new pair of mules, several cows, and a bull.

The rear wall of the institution, situated in the square bounded by Magazine, Dufossat, Constance and Soniat Streets, owing to defective construction, sank, and, upon the recommendation of Messrs. Toledano & Wogan, Architects, the wall was almost completely taken down and reconstructed, which, of course, caused an outlay of money which was not looked for nor anticipated. We, however, received a small additional amount of money, in the shape of a revenue, by the leasing of the batture in front of the farm, to Messrs. Christie & Lowe, for the purpose of landing barges, and for this lease, which is for two years, we obtained four hundred and eighty dollars, which is a nice sum, considering the location of the property, which is about four miles above the upper limits

of the City of New Orleans.

We had hoped to somewhat reduce the indebtedness on the school, but found ourselves unable to do so, during the past two years.

We also had to take out new insurance policies on some of the property of the school.

The farm property is kept up in first-class condition, as, in fact, is all of the property of the institution.

In making this report, I have included every expenditure with great detail, from June 1st, 1902, to April 1st, 1904, in order that you may see for what purpose the funds were expended.

The books have been checked and approved by the President of the Board of Trustees, and vouchers examined semi-annually, and semi-annual reports have been forwarded, as required by law, to the Department of the Interior, Bureau of Education, Washington, D. C., in which a detailed account of the expenditures of the funds derived under the Morrill Act, have been set forth.

The balance of my report sets forth clearly all the receipts and disbursements, from all sources, of which it is unnecessary for me to go into any detailed explanation, as they clearly speak for themselves.

All of which is hereby respectfully submitted.

New Orleans, April 1st, 1904.

J. C. HENRIQUES,
Treasurer.

RECEIPTS AND DISBURSEMENTS FROM JUNE 1, 1902, TO DECEMBER 1, 1902.

RECEIPTS.

Balance on hand June 1, 1902	\$ 2,727 37
Cash from United States Government, through State Treasurer (Morrill act)	12,348 77
Cash from State Treasurer, first quarter	2,500 00
Cash from sale of farm products, etc.....	284 45
Total	<u>\$17,860 59</u>

DISBURSEMENTS.

AGRICULTURAL DEPARTMENT.

1902.		
June 23.	W. H. Matthews & Bro., bran, peas, etc.....	\$ 96 92
June 30.	Pay roll of farm for June, 1902.....	241 19
June 30.	Pay roll of teachers for farm for June, 1902.....	100 00
July 23.	W. H. Matthews & Bro., feed for farm.....	33 47
July 30.	Fischer Lumber & Mfg Co., Ltd., lumber for farm....	24 20
July 30.	Pay roll for farm for July, 1902.....	218 88
July 30.	Pay roll of teachers for farm for July, August and September, at \$100.00 per month.....	300 00
Aug. 1.	B. F. Howell, two cows	84 00
Aug. 14.	Fischer Lumber & Mfg. Co., Ltd., lumber for farm...	38 32
Aug. 19.	J. Steckler Seed Co., seed for farm.....	40 60
Aug. 19.	E. Duconge, repairing barn for farm.....	396 00
Aug. 30.	Pay roll of farm for August, 1902.....	201 97
Sept. 1.	H. F. Lewis & Co., one tank for farm.....	32 65
Sept. 29.	W. H. Matthews & Bro., feed for farm.....	51 98
Sept. 29.	J. J. Mooney, repairing gutters at farm.....	11 25
Sept. 30.	Pay roll of farm for September, 1902.....	232 55
Oct. 6.	Vermont Machine Co., supplies for dairy department..	19 74
Oct. 28.	Fischer Lumber & Mfg. Co., lumber for farm.....	25 58
Oct. 28.	Pay roll for farm for October, 1902.....	274 53
Oct. 28.	F. L. St. Martin, salary for October, 1902.....	100 00
Nov. 18.	Dr. E. A. White, professional services and medicines for cows	32 00
Nov. 20.	J. G. Clark, ten gallons paint.....	7 25
Nov. 29.	Pay roll of farm for November, 1902.....	251 95
Nov. 29.	F. L. St. Martin, salary for November, 1902.....	100 00
Total		<u>\$ 2,915 03</u>

MECHANICAL DEPARTMENT.

1902.		
June 2.	E. C. Palmer & Co., supplies for Printing Department	4 54
June 7.	J. W. Jones, supplies for Mechanical Department...	15 00
June 16.	F. M. McKeough, 2 1-2 Med. rollers.....	2 00
June 14.	Mrs. E. P. Barrell, supplies for Girls' Industrial Department	16 06
June 30.	A. Baldwin & Co., tools for Mechanical Department..	4 80
June 30.	M. F. Mithoff, supplies for Mechanical Department..	4 25

June 30.	Pay roll of teachers for June, 1902.....	235 00
July 15.	E. C. Palmer & Co., supplies for Printing Department	70 95
July 16.	D. Bernhardt, supplies for Mechanical Department..	8 50
July 16.	Mrs. E. P. Barrel, supplies for Girls' Industrial Department	11 09
July 23.	H. H. Hodgson, paper, carbon, etc.....	2 05
July 30.	Pay roll of teachers, July, August, September, 1902, Mechanical Department, as follows: G. S. Washington, \$75 00 per mo.; M. F. Mithoff, \$100 00 per mo.; Mrs. E. P. Barrell, \$60 00 per mo.....	705 00
Sept. 13.	A. Schwartz & Son, materials for Girls' Industrial Department	13 75
Oct. 11.	Dreyfous Co., Ltd., supplies for Girls' Industrial Department	1 52
Oct. 31.	Pay roll of teachers for October, 1902.....	235 00
Dec. 6.	Singer Manufacturing Co., supplies for Girls' Industrial Department	2 47
Dec. 12.	A. Schwartz & Son, materials for Girls' Industrial Department	23 11
Dec. 14.	A. Baldwin & Co., tools for Mechanical Department..	4 59
Dec. 29.	Mrs. E. P. Barrell, supplies for Girls' Industrial Department	3 77
Total		\$ 597 85

SCIENTIFIC DEPARTMENT.

1902.		
June 7.	I. L. Lyons & Co., supplies for Chemical Department..	6 96
June 30.	Pay roll of teachers for June, 1902.....	356 66
July 1.	Pay roll of teachers for months of July, August and September, as follows: C. E. Roos, at \$116 66 per mo.; Mrs. L. M. Martinet, at \$90.00 per mo.; Miss O. A. Joseph, at \$60 00 per mo.; E. P. Barrell, at \$90 00 per mo.....	1,070 00
Oct. 27.	National Automatic Fire Alarm Co., supplies for Chemical Department	6 95
Oct. 31.	Pay roll of teachers for October, 1902.....	356 66
Nov. 29.	Pay roll of teachers for November, 1902.....	356 66
Total		\$ 2,153 89

LITERARY DEPARTMENT.

1902.		
June 30.	Pay roll of teachers for June, 1902.....	\$ 524 99
June 30.	Pay roll of teachers for months of July, August and September, 1902, as follows: H. A. Hill, at \$166 66 per mo.; Mrs. S. Martinez, at \$50 00 per mo.; W. B. Smith, at \$60 00 per mo.; Mrs. A. T. Getz, at \$75 00 per mo.; Mrs. A. B. Kennedy, at \$83 33 per mo.; U. J. Badduit, at \$50 00 per mo.; Lilian Humphrey, at \$40 00 per mo.....	1,575 00
Oct. 31.	Pay roll of teachers for October, 1902.....	524 99
Nov. 29.	Pay roll of teachers for November, 1902.....	524 99
Total		\$ 3,149 97

SUNDRIES

1902.

June 27.	A. L. Reese, mileage and expenses in attending annual meeting	\$ 35 00
June 27.	J. W. Cook, mileage and expenses in attending annual meeting	65 00
June 30.	N. J. Nickerson, supplies for Music Department.....	9 85
June 30.	C. E. Roos, postage, etc.....	9 75
June 30.	W. J. Mathis, binding catalogues.....	10 00
June 30.	Salary of employes for June, 1902.....	200 00
July 16.	Boylan Detective Agency, watchman.....	5 00
July 16.	E. P. Brandao, for Legislative Report.....	5 70
July 21.	U. J. Virgin, plants for commencement.....	6 00
July 21.	Pay roll for July, August and September, Secretary-Treasurer, \$75 00 per mo.; Portress, \$50 00 per mo.; N. J. Nickerson, \$75 00 per mo.; A. L. Recse, \$35 00 per mo.....	705 00
Oct. 4.	H. Freeman, repairs to school.....	58 85
Nov. 9.	C. F. Arthur, wood for school.....	6 75
Nov. 22.	E. P. Brandao, check book.....	8 00
Nov. 25.	H. Freeman, repairing roof of school.....	8 75
Nov. 25.	Mrs. E. Meyer, semi-annual interest on mortgage note	260 00
Nov. 27.	I. L. Lyons & Co., chloride of iron.....	6 00
Nov. 28.	Wm. Twinkler repairing gutters at school.....	15 45
Nov. 31.	C. A. Andrews Coal Co., coal.....	50 00
Nov. 31.	Pay roll of employes for October, 1902.....	235 00
Nov. 31.	Gus. A. Hirsch, coal, brooms, etc.....	30 45
Nov. 28.	Eugene Buhler, brooms.....	3 75
Nov. 28.	E. P. Barrell, gas bills paid.....	1 11
Nov. 28.	Pay roll of employes for November, 1902.....	235 00
Total		\$ 1,970 41

RECAPITULATION.

Balance on hand June 1, 1902.....	\$ 2,727 37
Total receipts from June 1, 1902, to December 1, 1902.....	15,133 22
Total	\$17,860 59

LESS EXPENDITURES.

Agricultural Department	\$ 2,915 03
Mechanical Department	1,597 85
Scientific Department	2,153 89
Literary Department	3,149 97
Sundries	1,970 41—\$11,787 15

Balance on hand December 1, 1902.....	\$ 6,073 44
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RECEIPTS AND DISBURSEMENTS FROM DECEMBER 1, 1902, TO JUNE
1, 1903.

RECEIPTS.

Balance on hand December 1, 1902.....	\$ 6,073 44
Received from State Treasurer, second, third and fourth quarters	7,500 00
Received from sale of farm products and other sources.....	566 90
Total	\$14,140 34

EXPENDITURES.

AGRICULTURAL DEPARTMENT.

1902.

Dec. 12.	W. H. Matthews & Bro., feed for farm.....	\$ 54 02
Dec. 15.	F. L. St. Martin and C. E. Roos, expenses to Waveland to purchase cows.....	14 90
Dec. 15.	J. R. Fell, for five cows.....	250 00
Dec. 15.	C. E. Roos, expenses going to ship cows.....	5 05
Dec. 15.	Thomson & Hudson Mule Co., two mules.....	290 00
Dec. 15.	C. E. Roos, freight and feed for cows from Waveland to New Orleans.....	19 60
Dec. 15.	Stauffer, Eshleman & Co., hardware, etc., for farm..	55 17
Dec. 24.	Pay roll of farm for December, 1902.....	332 35
Dec. 24.	Pay roll of teacher for December, 1902.....	100 00

1903.

Jan. 22.	W. H. Matthews & Bro., feed for farm.....	26 77
Jan. 28.	Morris McGraw Wooden Ware Co., ice chest.....	14 71
Jan. 30.	Pay roll of farm for January, 1903.....	296 85
Jan. 30.	Salary of F. L. St. Martin for January, 1903.....	100 00
Feb. 9.	J. G. Clark, barrel of oil.....	6 50
Feb. 17.	Dr. E. A. White, medical services for cows.....	15 00
Feb. 20.	Southern Vehicle Co., one buggy for farm.....	88 00
Feb. 28.	Pay roll of farm for February, 1903.....	207 15
Feb. 28.	Salary of F. L. St. Martin for February, 1903.....	100 00
Mar. 3.	Subscription Sugar Planters' Journal.....	6 00
Mar. 3.	W. H. Matthews & Bro., feed for farm.....	21 00
Mar. 3.	Dr. E. A. White, medical services to cows.....	15 50
Mar. 6.	Garcia Stationery Co., letter heads for farm.....	4 50
Mar. 18.	Morris McGraw Wooden Ware Co., package butter pads	3 96
Mar. 30.	Pay roll of farm for March, 1903.....	189 60
Mar. 30.	Salary of F. L. St. Martin.....	100 00
April 24.	Grant Furniture Co., bar frame for farm.....	2 00
April 29.	Pay roll for April, 1903.....	212 00
April 29.	Salary of F. L. St. Martin for April, 1903.....	100 00
May 13.	I. L. Lyons & Co., syringe, etc., for charbon medicine.	6 00
May 30.	Pay roll of farm for May, 1903.....	268 30
May 30.	Salary of F. L. St. Martin for May, 1903.....	100 00

Total\$ 3,004 93

MECHANICAL DEPARTMENT.

1902.		
Dec. 1.	Mrs. E. P. Barrell, needles, etc., for Girls' Industrial Department	3 05
Dec. 10.	C. F. Arthur, wood for school.....	12 75
Dec. 11.	E. C. Palmer & Co., supplies for Printing Department	5 60
Dec. 23.	W. W. Carre, lumber for school.....	74 67
Dec. 31.	Pay roll of teachers for December, 1902.....	235 00
1903.		
Jan. 27.	H. H. Hodgson, supplies.....	3 40
Jan. 30.	Pay roll of teachers for January, 1903.....	235 00
Feb. 6.	E. C. Palmer & Co., supplies for Printing Department	14 48
Feb. 28.	Pay roll of teachers for February, 1903.....	235 00
Feb. 28.	Salary of F. L. St. Martin for February, 1903.....	100 00
Mar. 6.	Mrs. E. P. Barrell, supplies for Girls' Industrial Department	5 79
Mar. 30.	A. Schwartz & Son, supplies for Girls' Industrial Department	27 33
Mar. 30.	Pay roll of teachers for March, 1903.....	235 00
April 4.	David Bernhardt, paint for school.....	7 55
April 6.	A. Baldwin & Co., tools for Mechanical Department..	15 10
April 8.	Louisiana Glass and Mirror Works, materials for St. Louis exhibit	47 40
April 16.	E. C. Palmer & Co., materials for Printing Department	65 15
April 17.	Mrs. E. P. Barrell, materials for St. Louis exhibit....	5 90
April 21.	G. H. Hoffman, materials for St. Louis exhibit.....	10 25
April 23.	R. McWilliams, 5 gallons oil for Printing Department	1 25
April 23.	A. Schwartz & Son, materials for St. Louis exhibit....	89 06
April 29.	Pay roll of teachers for April, 1903.....	235 00
May 29.	Crescent City Mfg. Co materials for St. Louis Exhibit	57 97
May 21.	M. F. Mithoff, materials for St. Louis exhibit.....	16 65
Total		\$ 1,873 35

SCIENTIFIC DEPARTMENT

1902.		
Dec. 10.	Stern & Marks, supplies for Chemical Department..	3 40
Dec. 11.	I. L. Lyons & Co., supplies for Chemical Department..	8 86
Dec. 31.	Pay roll of teachers for December, 1902.....	356 66
1903.		
Jan. 30.	Finlay, Dicks & Co., chemicals for laboratory.....	4 87
Jan. 30.	Pay roll of teachers for January, 1903.....	356 66
Feb. 19.	Finlay, Dicks & Co., apparatus for Chemical Department	6 03
Feb. 28.	Pay roll of teachers for February, 1903	356 66
Mar. 21.	I. L. Lyons & Co., supplies for Chemical Department..	14 89
Mar. 21.	I. L. Lyons & Co., supplies for Chemical Department..	10 18
Mar. 30.	Pay roll of teachers for March, 1903.....	356 66
April 23.	I. L. Lyons & Co., materials for St. Louis exhibit....	5 44
April 29.	Pay roll of teachers for April, 1903.....	356 66
May 30.	Pay roll of teachers for May, 1903	356 66
Total		\$ 2,193 63

LITERARY DEPARTMENT.

1902.		
Dec. 31.	Pay roll of teachers for December, 1902.....	524 99
1903.		
Jan. 30.	Pay roll of teachers for January, 1903.....	524 99
Feb. 28.	Pay roll of teachers for January, 1903.....	524 99
Mar. 30.	Pay roll of teachers for March, 1903.....	524 99
April 29.	Pay roll of teachers for April, 1903.....	524 99
May 30.	Pay roll of teachers for May, 1903.....	524 99
Total	\$ 3,149 94

SUNDRIES.

1902.		
Dec. 1.	H. A. Hill, for stamps.....	10 32
Dec. 10.	Eugene Buhler, for coal buckets, etc.....	23 15
Dec. 30.	Pay roll of employes for December, 1902.....	235 00
1903.		
Jan. 9.	E. P. Barrell, for gas bills.....	2 67
Jan. 30.	Pay roll of employes for January, 1903.....	235 00
Feb. 14.	C. F. Arthur, wood for school.....	3 25
Feb. 18.	W. Shepard, for repairs to school.....	5 00
Feb. 28.	Pay roll of employes for February, 1903.....	235 00
Mar. 3.	T. Fitzwilliam & Co., chalk.....	10 90
Mar. 3.	Gas bills.....	4 90
Mar. 9.	Gus A. Hirsch, coal, brooms.....	18 40
Mar. 9.	E. F. Buhler & Co., sash cord.....	2 40
Mar. 30.	Sediment Machine Co.....	12 00
Mar. 30.	Pay roll of employes for March, 1903.....	235 00
April 11.	Mrs. V. Wehrman, rent of flag for commencement..	1 00
April 8.	Finlay, Dicks & Co.....	9 40
April 8.	J. C. Morris & Co., brooms, etc.....	16 10
April 29.	Mrs. E. Meyer, interest on mortgage note.....	260 00
April 29.	Pay roll of employes for April, 1903.....	235 00
May 1.	E. P. Barrell, gas bills.....	4 27
May 30.	Pay roll of employes for May, 1903.....	235 00
Total	\$ 1,793 76

RECAPITULATION.

Balance on hand December 1, 1902.....	\$ 6,073 44
Total receipts from December 1, 1902, to June 1, 1903.....	8,066 90
Total	\$14,140 34

DISBURSEMENTS.

Agricultural Department.....	\$ 3,004 93
Mechanical Department.....	1,873 35
Scientific Department.....	2,193 63
Literary Department.....	3,149 94
Sundries	1,793 76—\$12,115 61

Balance on hand June 1, 1903.....\$ 2,124 73

RECEIPTS AND DISBURSEMENTS FROM JUNE 1, 1903, TO DECEMBER 1, 1903.

RECEIPTS.

Balance on hand June 1, 1903.....	\$ 2,124 73
Cash from H. A. Hill, July 2, 1903.....	13 00
Cash from H. A. Hill, November 30, 1903.....	65 00
Cash from F. L. St. Martin, June 30, 1903.....	5 25
Cash from F. L. St. Martin, August 31, 1903.....	5 00
Cash from F. L. St. Martin, September 30, 1903.....	4 75
Cash from F. L. St. Martin, October 31, 1903.....	5 00
Cash from F. L. St. Martin, November 30, 1903.....	5 00
Cash from State Auditor, second quarter.....	2,500 00
Cash from United States government, through Treasurer.....	12,348 77
Total receipts	<u>\$17,076 50</u>

DISBURSEMENTS.

AGRICULTURAL DEPARTMENT.

1903.

June	Pay roll of teachers for June, 1903.....	\$ 100 00
June	Dr. E. A. White, veterinary surgeon.....	15 00
June	Philip Draube & Sons, for feed for farm.....	19 02
June	Pay roll for June, 1903.....	206 66
July	Geo. Matthews & Co., Ltd., feed for farm.....	61 40
July	Alfred Adams, one bell for farm.....	60 00
July	C. E. Roos & Co., supplies for Dairy Department.....	3 55
July	B. F. Glover & Sons, cow peas.....	23 39
July	Pay roll of farm for July, 1903.....	198 10
July	Pay roll of teachers for July, 1903.....	100 00
Aug.	B. F. Avery & Sons, agricultural implements	5 24
Aug.	W. H. Matthews & Bro., feed for farm.....	28 39
Aug.	Southern Cotton Oil Co., cotton seed hulls.....	69 45
Aug.	Geo. B. Mallard & Co., feed for farm.....	22 00
Aug.	J. Steckler Seed Co., seed for farm.....	58 05
Aug.	Pay roll of farm for August, 1903.....	197 95
Aug.	Pay roll of teachers for August, 1903.....	100 00
Sept.	S. Arons, medicine for cows.....	35 00
Sept.	G. B. Mallard & Co., feed for farm.....	62 81
Sept.	Pay roll of farm for September, 1903.....	227 95
Sept.	Pay roll of teachers for September, 1903.....	100 00
Oct.	Pay roll of farm for October, 1903.....	202 10
Oct.	Pay roll of teachers for farm for October, 1903.....	100 00
Nov.	Vermont Farm Machine Co., for Dairy Department....	12 87
Nov.	Pay roll of farm for November, 1903.....	235 90
Nov.	Pay roll of teachers for farm for November, 1903.....	100 00
Total	<u>\$ 2,444 84</u>	

MECHANICAL DEPARTMENT.

1903.

June	Pay roll of teachers for June, 1903.....	\$ 235 00
June	T. Fitzwilliam & Co., Ltd., supplies for Printing Department	13 45
June	E. C. Palmer & Co., supplies for Printing Department..	78 01

June	A. W. Hyatt & Co., supplies for Printing Department....	26 50
June	Eug. F. Buhler & Co., supplies for Mechanical Department	45
July	Pay roll of teachers for July, 1903.....	235 00
Aug.	Pay roll of teachers for August, 1903.....	235 00
Sept.	W. W. Carre & Co., lumber for Mechanical Department	20 08
Sept.	Pay roll of teachers for September, 1903.....	235 00
Oct.	Pay roll of teachers for October, 1903.....	235 00
Nov.	E. Dietzen & Co., supplies for Mechanical Department..	30 60
Nov.	A. Shwartz & Son, supplies for Girls' Industrial Department	43 80
Nov.	E. C. Palmer & Co., supplies for Printing Department..	9 41
Nov.	Pay roll of teachers for November, 1903.....	235 00
Total		\$ 1,639 62

SCIENTIFIC DEPARTMENT.

1903.		
June	Pay roll of teachers for June, 1903.....	\$ 356 66
July	Pay roll of teachers for July, 1903.....	356 66
Aug.	Pay roll of teachers for August, 1903.....	356 66
Sept.	Pay roll of teachers for September, 1903.....	356 66
Oct.	Pay roll of teachers for October, 1903.....	356 66
Nov.	Pay roll of teachers for November, 1903.....	356 66
Total		\$ 2,139 96

LITERARY DEPARTMENT.

1903.		
June	Pay roll of teachers for June, 1903.....	\$ 524 99
July	Pay roll of teachers for July, 1903.....	474 99
Aug.	Pay roll of teachers for August, 1903.....	474 99
Sept.	Pay roll of teachers for September, 1903.....	474 99
Oct.	Pay roll of teachers for October, 1903.....	574 99
Nov.	Pay roll of teachers for November, 1903.....	574 99
Total		\$ 3,099 94

SUNDRIES.

1903.		
June	Pay roll Portress, Secretary-Treasurer, Professor of Music, etc	\$ 235 00
June	A. L. Reese, mileage and expenses for attending annual meeting of Board	35 00
June	J. W. Cook, expenses for attending annual meeting of Board	65 00
June	New Orleans Tent and Awning Co, flag for school.....	23 34
July	Gus A. Hirsch, supplies for school.....	4 50
July	O. A. Joseph, postage stamps for catalogues.....	8 00
July	H. A. Hill, paper, stationery, etc.....	6 15
July	Hopkins Printing Co., printing certificates.....	7 00
July	W. T. Mathes, supplies for St. Louis exhibit.....	13 20
July	Pay roll Portress, etc., for July, 1903.....	235 00
Aug.	American Excavating Co., cleaning vaults.....	35 00
Aug.	Phillip Werlein, music.....	2 00
Aug.	Boylan Detective Agency, special Officer.....	5 00
Aug.	Pay roll Portress, etc., for August, 1903.....	235 00

Sept.	A. Shwartz & Sons, supplies for school.....	20 03
Sept.	L. Grunewald & Co., music.....	2 66
Sept.	Pay roll of Portress, etc., for September, 1903.....	235 00
Oct.	Saml. E. Davis, making one case.....	8 00
Oct.	T. Fitzwilliam & Co., pens, etc.....	6 85
Oct.	U. J. Virgin, decorations for commencement.....	6 00
Oct.	Mrs. E. Meyer, interest for 6 months on mortgage note..	260 00
Oct.	Union Coal Co., coal for school.....	36 00
Oct.	A. Sourat, four chairs.....	2 60
Oct.	J. N. Teunison, photos. for St. Louis exhibit.....	50 00
Oct.	Gus A. Hirsch, coal.....	30 00
Oct.	Chas. F. Arthur.....	6 50
Oct.	F. F. Hansell & Bro., supplies for school.....	35 10
Oct.	Pay roll of Portress, etc., for October, 1903.....	235 00
Nov.	Repair of fences.....	11 40
Nov.	Gus A. Hirsch, supplies for school.....	8 35
Nov.	Union Furniture Co., four stools.....	7 50
Nov.	H. Smith and G. Bruning, for labor at school.....	3 20
Nov.	F. H. Blessing, three stoves and repairing pipes.....	54 50
Nov.	Louisiana Glass and Mirror Works, glass for exhibit....	5 50
Nov.	Pay roll of Portress, etc., for November, 1903.....	235 00
Nov.	E. Duconge, on account of contract repairing walls of school	168 00
Total		\$ 2,336 38

RECAPITULATION.

Total receipts	\$17,076 50
Total expenditures	11,660 74

Balance on hand December 1, 1903\$ 5,415 76

RECEIPTS AND DISBURSEMENTS FROM DECEMBER 1, 1903, TO APRIL 1, 1904.

RECEIPTS.

1903.

Balance on hand December 1, 1903.....	\$ 5,415 76
Received second quarter from State Treasurer.....	2,500 00
Received from proceeds of sale of farm products and other sources	664 99
Total	\$ 8,580 75

EXPENDITURES.

AGRICULTURAL DEPARTMENT.

1903.

Dec. 31.	G. Mallard & Co., feed for farm.....	\$ 27 68
Dec. 31.	Stauffer, Eshelman & Co., sundries for farm.....	53 84
Dec. 31.	Payne & Joubert, repairing wind mill.....	18 97
Dec. 31.	Pay roll of farm for December, 1903.....	255 80
Dec. 31.	Salary of F. L. St. Martin for December, 1903.....	100 00

1904.		
Jan. 30.	G. Mallard & Co., feed for farm.....	31 24
Jan. 30.	Pay roll of farm for January, 1904.....	153 42
Jan. 30.	Salary of F. L. St. Martin for January, 1904.....	100 00
Feb. 28.	Nicholas Burke & Co., feed for farm.....	27 06
Feb. 28.	Pay roll of farm for February, 1904.....	182 73
Feb. 28.	Salary of F. L. St. Martin for February, 1904.....	100 00
Mar. 30.	G. Mallard & Co., feed for farm.....	65 43
Mar. 30.	A. Baldwin & Co., supplies for farm.....	6 75
Mar. 30.	Pay roll of farm for March, 1904.....	297 45
Mar. 30.	Salary of F. L. St. Martin for March, 1904.....	100 00
Total		\$ 1,520 37

MECHANICAL DEPARTMENT.

1903.		
Dec. 30.	J. W. Jones, pipes, etc.....	\$ 21 70
Dec. 30.	White Bros., materials for Girls' Industrial Department	1 50
Dec. 30.	M. F. Mithoff, materials for Mechanical Department..	10 00
Dec. 30.	Mrs. E. P. Barrell, supplies for Girls' Industrial Department	11 19
Dec. 30.	Pay roll of teachers for December, 1903.....	235 00
1904.		
Jan. 30.	David Bernhardt, supplies for Mechanical Department	16 30
Jan. 30.	E. C. Palmer & Co., supplies for Printing Department	12 82
Jan. 30.	E. F. Buhler Co., locks, etc.....	75
Jan. 30.	Pay roll of teachers for January, 1904.....	235 00
Feb. 28.	Pay roll of teachers for February, 1904.....	235 00
Mar. 30.	W. W. Carre Co., lumber for Mechanical Department	8 16
Mar. 30.	M. F. Mithoff, supplies Mechanical Department.....	9 80
Mar. 30.	A. Shwartz & Son, supplies for Girls' Industrial Department	39 41
Mar. 30.	Eug. Deitzen & Co., supplies for Mechanical Department	4 77
Mar. 30.	A. Baldwin & Co., supplies for Mechanical Department	3 45
Mar. 30.	Pay roll of teachers for March, 1904.....	235 00
Total		\$ 1,079 85

SCIENTIFIC DEPARTMENT.

1903.		
Dec. 30.	Pay roll of teachers for December, 1903.....	\$ 356 66
1904.		
Jan. 30.	Pay roll of teachers for January, 1904.....	356 66
Feb. 28.	Pay roll of teachers for February, 1904.....	356 66
Mar. 30.	Finlay, Dicks & Co., gum camphor.....	1 95
Mar. 30.	I. L. Lyons & Co., supplies for Mechanical Department	5 61
Mar. 30.	Pay roll of teachers for March, 1904.....	356 66
Total		\$ 1,434 20

LITERARY DEPARTMENT.

1903.		
Dec. 30.	Pay roll of teachers for December, 1903.....	\$ 574 99
1904.		
Jan. 30.	Pay roll of teachers for January, 1904.....	574 99
Feb. 28.	Pay roll of teachers for February, 1904.....	574 99
Mar. 30.	Pay roll of teachers for March, 1904.....	574 99
Total	\$ 2,299 96

SUNDRIES.

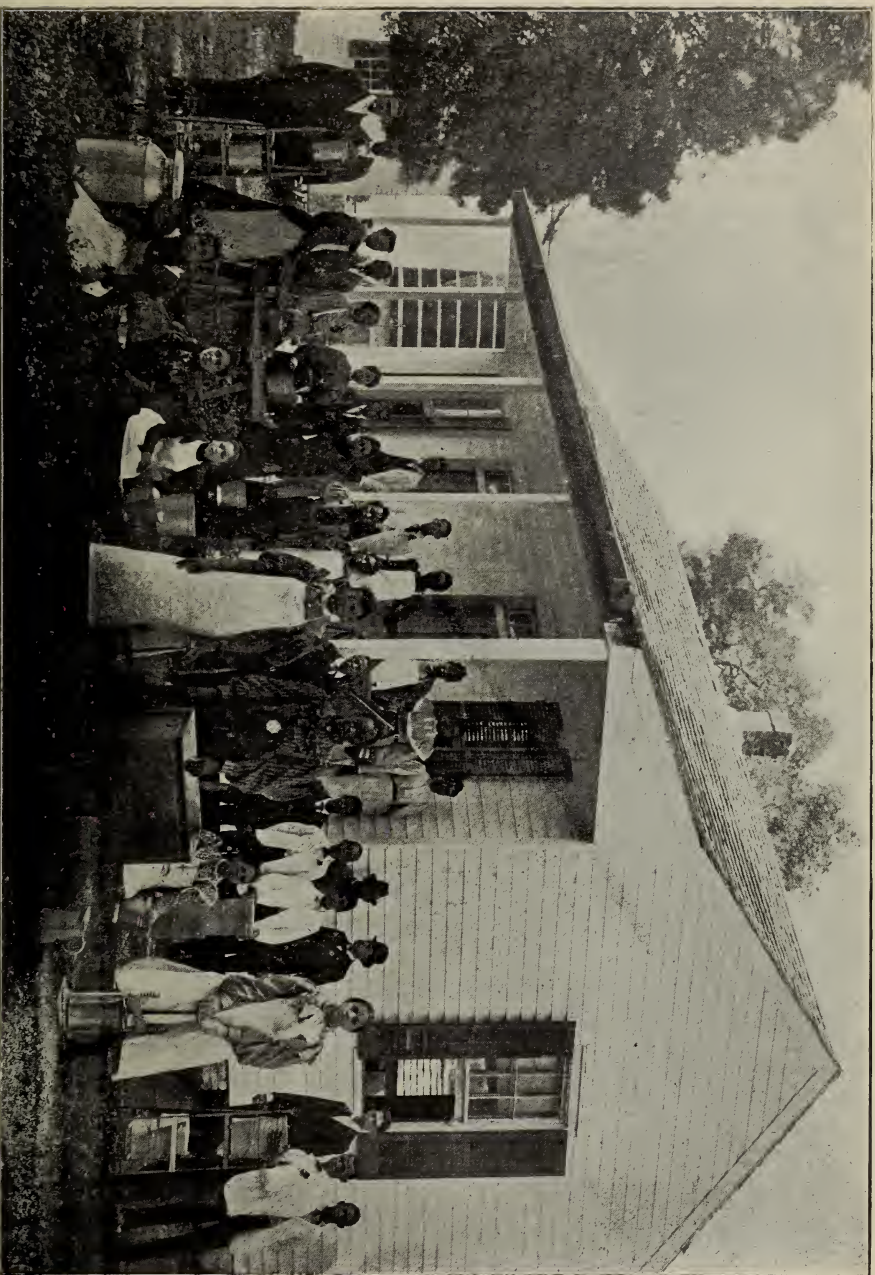
1903.		
Dec. 30.	E. Duconge, account contract repairing wall of school	\$ 117 00
Dec. 30.	W. H. Mathis, binding books.....	19 00
Dec. 30.	H. Freeman, repairing fences.....	9 50
Dec. 30.	C. A. Andrews Coal Co., coal	30 00
Dec. 30.	W. H. Mathis, binding books.....	4 50
Dec. 30.	Toledano & Wogan architects, for inspecting wall..	25 00
Dec. 30.	Pay roll of employes for December, 1903.....	235 00
1904.		
Jan. 30.	New Orleans Lighting Co, gas bills.....	4 15
Jan. 30.	Pay roll of employes for January, 1904.....	235 00
Feb. 28.	Pay roll of employes for February, 1904.....	235 00
Mar. 30.	Fitzwilliam & Co., chalk, etc.....	5 65
Mar. 30.	New Orleans Lighting Co., gas bills.....	1 96
Mar. 30.	Leon Irwin, insurance.....	282 00
Mar. 30.	A. Baldwin & Co., stoves for school.....	29 85
Mar. 30.	Pay roll of employes for March, 1904.....	235 00
Total	\$ 1,351 61

RECAPITULATION.

Balance on hand December 1, 1903.....	\$ 5,415 76
Total receipts from December 1, 1903, to April 1, 1904.....	3,164 99
Total	\$ 8,580 75

EXPENDITURES.

Agricultural Department.....	\$ 1,520 37
Mechanical Department.....	1,079 85
Scientific Department.....	1,434 20
Literary Department.....	2,299 96
Sundries	1,351 61—\$ 7,685 99
Balance on hand April 1, 1904.....	\$ 777 76



SOUTHERN UNIVERSITY—DAIRY DEPARTMENT.

REPORT OF PRESIDENT OF FACULTY.

SOUTHERN UNIVERSITY

AND

AGRICULTURAL AND MECHANICAL COLLEGE.

NEW ORLEANS, LA., MARCH 18, 1904.

*President and Members, Board of Trustees, Southern University
and A & M College:*

GENTLEMEN :

I respectfully present the following report of the progress and condition of the Southern University and Agricultural and Mechanical College, New Orleans, La., for the past two years:

Last year the enrollment of pupils in the school was 377. This year the enrollment is 418.

The time of the students is taken up with both literary and industrial work. The hand is trained in the manual courses of the University to be in line with the intelligence obtained from the literary department. The better class of industrial work is done by those who have had this double training. This session there are students in all departments of the school except the College. All of the boys in the school are in industrial work except three of the smallest.

The University is divided into six departments as follows:

I. College.

II. Normal School.

III. High School.

IV. Grammar School.

V. Department of Music.

VI. INDUSTRIAL

DEPARTMENT.

{ Agricultural School.
Mechanical School.
Girls' Industrial School.
Dairy School.
School of Printing.
School of Book-keeping and
Type Writing.

The Industrial Department is divided into six schools, as given above. Specified hours are regularly taken up for each class by the industrial work. The classes follow each other consecutively, throughout the day, except on the farm, where the whole day is given, in classes throughout the week.

Since the time of the first graduation in the school—18 years ago, and including the present session—there have been just 300 graduations; 144 of these are from the industrial courses, 60 from the Normal or Teachers' Training course, and 96 from the Literary outside of the Normal. A total of 204 capacitated in the industrial and for teachers, making with the 96 just mentioned above, the total of 300. We have had no graduates from the college department.

The total number of applicants for graduation in the various departments of the University this year is 52—the highest number we have ever had in one year. They are as follows: Normal School, 7; High School, 14; Agricultural School, 2; Dairy School, 5; Mechanical School, 5; Girls' Industrial School, 19. Total from all departments, 52.

In addition a large number have been taught here for years and have withdrawn from the school annually to go to work, or for other justifiable causes, who did not complete the courses entered.

The enrollment of pupils in this school for the past ten years has been as follows:

1894-95.....	308
1895-96.....	332
1896-97.....	368
1897-98.....	443
1898-99.....	414
1899-00.....	379
1900-01.....	470
1901-02.....	422
1902-03.....	377
1903-04.....	418

We have every year many applicants for admission to the school who cannot be received as they are not far enough advanced to enter.

LITERARY.

The literary graduates usually enter the Teachers' Training course, or complete some one of the industrial courses.

As a rule those pupils who have been trained in the higher literary grades, do a better quality of industrial work and do it more intelligently than those of the same age who have not had this advantage.

The grammar school acts as a feeder for the higher departments, and furnishes pupils for the Teachers' Training classes in practice teaching. They also furnish pupils for the lower grades of the industrial classes.

The literary department prepares the pupil also for the proper reception of the scientific training required, and upon which is contingent the money paid to Louisiana for the two State universities out of the annual appropriation from the "Morrill Fund" from the United States Government.

INDUSTRIAL.

Practically the whole school is in industrial work of various kinds.

AGRICULTURAL SCHOOL.—A tinsmith course is taught to the students in agriculture in addition to the farm work, in order that the pupil will be able to properly put up such guttering, roofing, and do such repairing in that line as may be needed on a farm. The agricultural section is supported for the purpose of teaching agriculture, horticulture, dairying, etc., in their best and more scientific form. It has a farm of 100 acres of land on the Mississippi river four miles above New Orleans. This farm is stocked with teams, plows, and farming implements, with shops, barns, stables and yards, and a two-story dormitory, built by the students. There is also a dairy building on the place fitted out for a modern dairy.

The farm students go up daily to the farm from the school in New Orleans, each day of the week having a separate class. The text-books on farming are taught at the school. Classes of boys who have been raised in the city are taking the farming course. For

a more detailed account reference is made to the superintendent's report herewith.

DAIRY SCHOOL.—The dairy is on the improved Northern plan. It is under the direction of Prof. C. E. Roos, an experienced practical dairyman. There is a class of twenty—eight boys and twelve girls—in the dairy course this year. Five milch cows, a superior breed of mixed Jersey and Holstein, have been recently added to the number of dairy cows.

MECHANICAL SCHOOL.—In this section is taught both the theory and practice of mechanics. In the advanced classes the student is taught to draw his own patterns before executing the work in wood.

The lower floor of the two-story building is used for working in wood with office, paintshop, steam engine, shafting, pulleys, turning lathes, band and scroll saws. A supply of work benches of an improved pattern, fitted with a complete outfit of tools is in daily use. This department is in charge of Professor Millard F. Mithoff, a graduate of the Louisiana State University at Baton Rouge. Work is done by this department, annually, in addition to their regular course, in the way of improvements and additions to the university grounds and buildings. But the amount of work that can be done in this way is necessarily limited as it detracts from the required work in the lines laid down for the classes to complete in a session.

The Mechanical School is in good condition, seems to be much appreciated, and is doing good solid work.

GIRLS' INDUSTRIAL SCHOOL.—The girls' industrial work was the first industrial work done in the university. The number of girls in this department is 165.

This department is conducted with much system and order and is very popular with the pupils. It has sent out, so far, more industrial graduates than any other department, as it is older. Outside the pay of the teacher, this department is self-supporting and in addition has rendered valuable assistance to other departments and to the school.

There is charged in this department an incidental fee of fifty

cents for each pupil for the whole session, to pay for machine needles and other furnishings for the department.

SCHOOL OF PRINTING.—The Printing Department has a modern press in excellent order, and with new type and machinery of a printing office. The quality of the work done here is very good considering that it is necessarily done by learners. All of the illustrated catalogues of the university, the programmes, reports with one exception, invitations, etc., besides considerable outside work, are done by this department. The quality of the work shows for itself.

SCHOOL OF BOOKKEEPING AND TYPEWRITING.—There were twenty-three pupils in this section during the session. Their progress has been very good. The department has enabled students who have been trained in it in the past, to keep their own accounts systematically.

SCIENTIFIC COURSE.

This course is maintained to meet the conditions of the “Morrill Fund” appropriation to teach the pupils scientific agriculture and scientific mechanics. Professor E. P. Barrell fills the chair of Chemistry and Physics.

The chemistry taught here is a part of the Agricultural Course, while the physics taught is a part of the Mechanical Course. Special stress is laid on Sugar Chemistry and the application of chemistry to the farm. The soils were analyzed and the pupils were taught the adaptibility of the different crops to the varied soils.

MUSIC DEPARTMENT.

The teaching in music is both vocal and instrumental. For tuition in instrumental music the pupils are charged a fee monthly, which amount is turned into the general fund of the school.

Vocal music is taught to all the pupils of the school and is free. The music assists very much in the order and discipline of the school. Professor W. J. Nickerson is the experienced and capable instructor in this department.

The school prepared from its different departments, for the State's educational exhibit at the Louisiana Purchase Exposition at St. Louis, what was considered a creditable exhibit, and of considerable size, precisely according to instructions from those in charge. The Exposition management at St. Louis, however, afterwards very much reduced the amount of space they had pledged for Louisiana's educational exhibit. As a result the amount of work sent by us had to be restricted to about one-third of the work prepared.

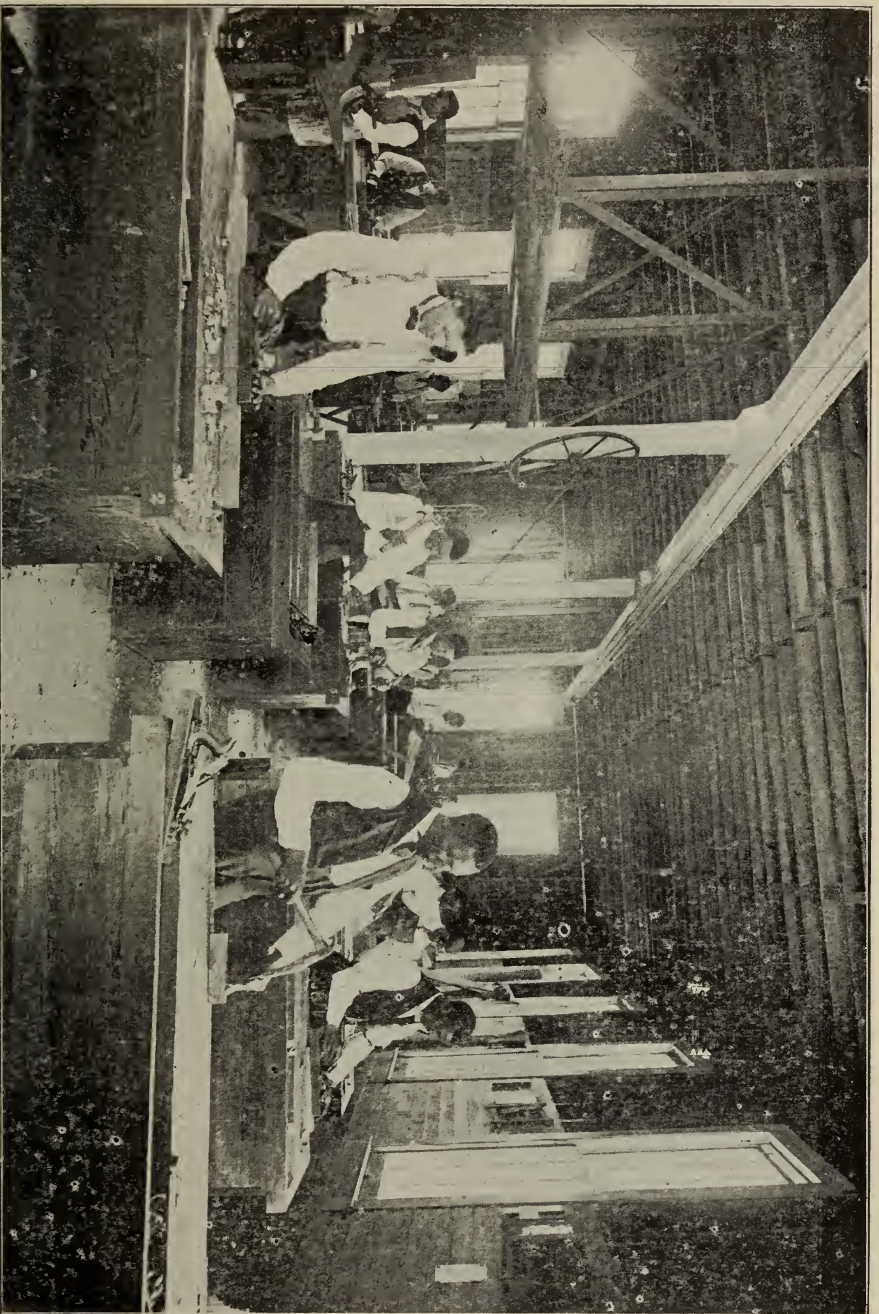
The movement of the university with its various departments is continually forward and upward.

Respectfully submitted,

H. A. HILL,

President Southern University and A. & M. College.

MECHANICAL DEPARTMENT—AT WORK IN THE SHOPS.



REPORT OF SUPERINTENDENT

OF

AGRICULTURAL SCHOOL,

SOUTHERN UNIVERSITY AND A. & M. COLLEGE FARM.

JEFFERSON PARISH, March 18th, 1904.

H. A. Hill, President Southern University and A & M. College:

I hand you herewith for your consideration the following report of the Southern University farm covering the time from my last report, March 31st, 1902, up to March 18th, 1904:

As I have stated in my report of March 31st, 1902, the college work of the Agricultural Department is carried on in six grades, from the sixth to the eleventh, inclusive, consisting of text-book studies, of class-room lectures and practical work on the farm. Lecturing consists of how to prepare the seed beds, the depth of planting, the selecting of the seeds, cultivating of the different plants and the harvesting of same. All is minutely discussed.

SUGAR CANE.

Of the eight acres of cane we had last year we succeeded in selling to an adjoining sugar house 92 tons at \$2.80 per ton, amounting to \$257.50. The expenses of cultivating, cutting and hauling same to adjoining factory were \$1.80 per ton. After taking out expenses it netted us a profit of \$1 a ton.

Out of the eight acres, we kept for seed for the next year two acres, which leaves a total acreage of six acres, averaging over 15 tons per acre, which I consider poor, owing to the excessive drought of that year. I must also add that the principal work was done by the farm students, and not a pound of fertilizer of any kind was applied in said eight acres.

CORN.

Our corn crop has been very satisfactory, even with the severe drought of last season. We succeeded in making and harvesting 980 barrels. The corn was planted and harvested by the farm students. For the last two years we made our own corn and hay. At this writing we have 40 acres of corn planted, which is very promising. We have not used one pound of fertilizer either year.

OATS.

We have planted 10 acres of Texas rust-proof oats. We have secured a very good stand and the prospects for a good crop are encouraging. Following this crop the land will be fertilized with cow peas and same used for feeding the stock this winter

COTTON.

Last year, owing to the extreme drought of the spring few of the seeds germinated. We have arranged to plant a number of varieties and to include this crop in a general system of rotation.

THE VEGETABLE GARDEN.

Though late in getting the fall garden started, our success has been satisfactory.

The farm students have planted a variety of the following vegetables: Irish potatoes, peas, carrots, beets, onions, parsley, spinach, cabbage, mustard, turnips, lettuce, radishes, canteloupes, water melons, squash, okra, tomatoes, sweet potatoes, egg plants, peppers (all varieties), bush beans, pumpkins, Lima or pole beans, and strawberries.

POULTRY

Consists of Light Brahmas, White Leghorns and Plymouth Rock. Of these we have few, but of the common kind we have about 75 hens, all doing nicely, and quite a number of them setting.

LIVE STOCK.

The live stock consists of four mules, two horses, ten pigs, five cows, three heifers, one calf, one Jersey bull, thoroughbred.

BUILDINGS.

All buildings on the farm are in good condition. Old buildings have been repaired and are now in excellent condition. I would like to suggest to the honorable Board of Trustees the necessity for a shed to be placed in the pasture. It is a necessity during the cold winter days, and the excessive rains, and the hot weather of June, July and August. It is a known fact that Jersey cattle are very sensitive animals and often die of pneumonia and pleurisy, and the same can be prevented by simply placing in the pasture a shed measuring not less than 20 feet wide by 50 long.

DAIRY DEPARTMENT.

The course of instruction in dairying is both practical and theoretical. It includes the following subjects: Dairy herd, selecting and breeding, feeding and management, milking, ripening and churning of cream, salting, working and packing of butter, uses of skim milk, Babcock milk test, and the necessity of cleanliness in and around the dairy. Feeding includes the study of such rations as will give the best results by feeding as far as practicable Louisiana products. The students are taught the Danish method of milking, technically known as the Hegelund method. The Babcock method of testing milk is taught to determine how much butter fat individual cows give in a year. More stress is laid upon the necessity for cleanliness than upon other subjects. The students learn sanitary rules that should guide dairymen furnishing the milk supply of cities. Gurler's American Dairying is used as a text-book.

The students also have access to the numerous bulletins issued by the Department of Agriculture and Experiment Stations in the United States.

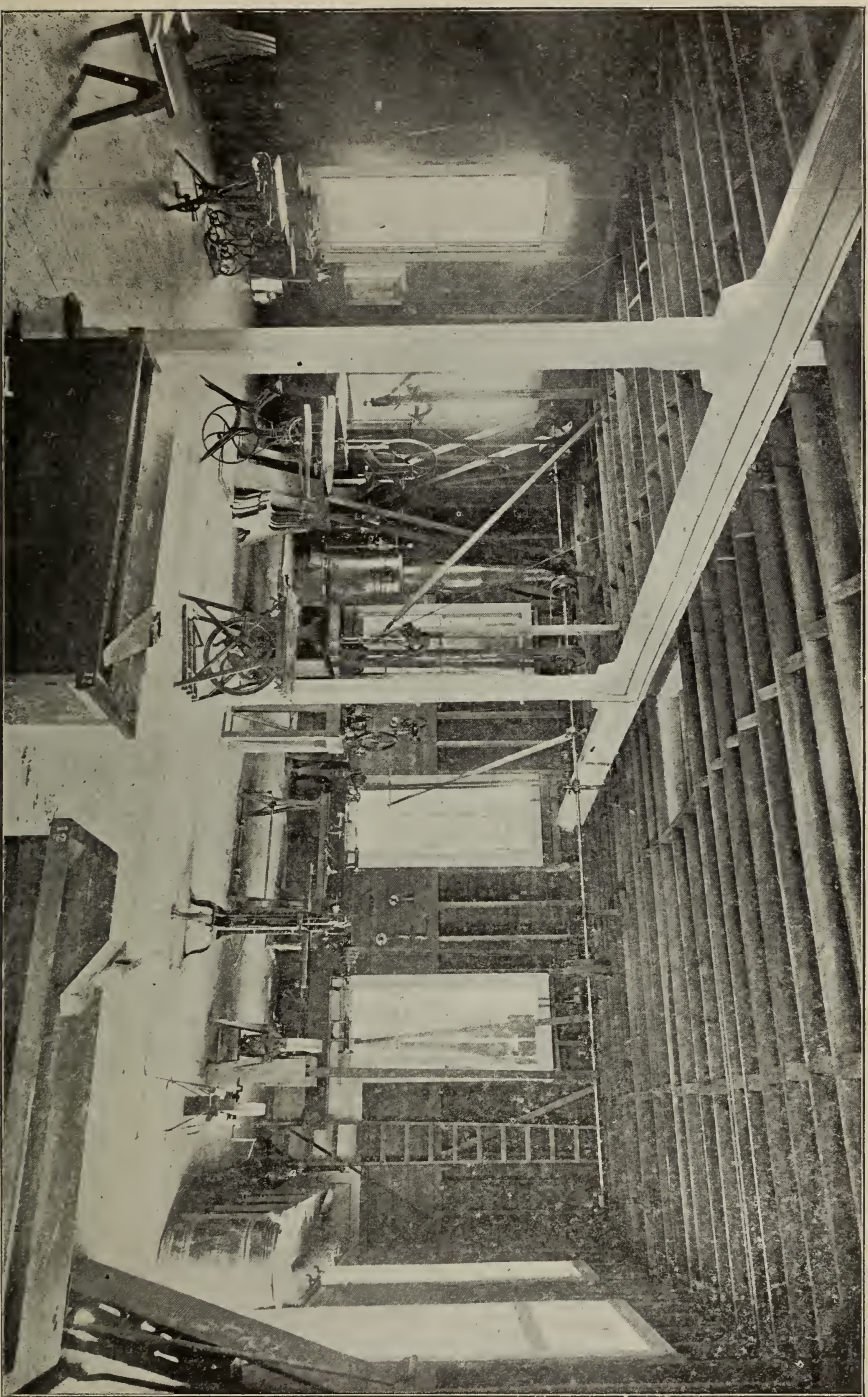
Under the supervision of Professor C. E. Roos the students per-

form the actual labor of making butter, from milking to packing the butter for market.

During the year twelve girls and eight boys received instruction in this branch of industry, five of whom are applicants for graduation. The machinery consists of one No. 6 U. S. cream separator, one Babcock tester with the necessary glassware to teach its use, two churns, cheese-making apparatus, and two ice boxes.

Respectfully submitted,

F. L. ST. MARTIN,
Superintendent of Farm.



SOUTHERN UNIVERSITY—MACHINE ROOM.

REPORT OF PRINCIPAL
OF
MECHANICAL SCHOOL,
SOUTHERN UNIVERSITY AND A. & M. COLLEGE.

NEW ORLEANS, LA., March 14th, 1904.

*Prof. H. A. Hill, President Southern University and A. & M.
College:*

As is customary, I submit for your consideration the following report of the Mechanical Department of this University for the collegiate sessions from 1902 to present date:

Instruction in this department is based on a course of manual training, which I have endeavored to make as comprehensive and practical as possible, and is so conducted as to give a thorough knowledge of tools and their uses. The student is required to execute a graduated course of exercises, which not only tend to develop skill, but also gives him a practical knowledge of lining and the fundamental principles that underlie such trades as carpentry, joinery, cabinet-making, scroll-sawing, turning, pattern-making, etc. In metal work we give a similar course in tinsmithing, introducing exfoliation of surfaces, lining and such principles of pattern work as are used in the trades of tinsmithing, coppersmithing, sheet iron working, boilermaking, etc.

Each student in this department receives five (5) hours instruction per week, and while this time does not admit of that degree of skill expected in the finished artisan, yet any student who has taken the entire course of training can acquire the requisite skill by working in a minor capacity at his chosen trade for a few months or so.

All students enrolled in this department are required to take

both the course in woodworking and in tinsmithing. The agricultural students are also admitted to the tinsmithing course.

Such students who may have advanced as far as plane geometry in their regular mathematical course, are required to take a course in drawing, embracing constructive geometry, lettering, freehand, and as the student's standing in his mathematical course advances, descriptive geometry, perspective, mechanical and architectural drawing are added.

There are 55 students enrolled in this department for the current year, embracing all grades from the sixth to the eleventh, inclusive.

A novelty introduced into our regular course of instruction this past year has been the preparation of an exhibit for the State's educational exhibit at the Louisiana Purchase Exposition, or the World's Fair at St Louis. From a lack of definite instruction as to the amount of space available for our exhibit and to the late date of our assignment to that space (which delay, I am informed, was due to the Exposition's management and not to our State commissioner), we went to more expense and trouble than was really necessary, as not more than 40 per cent. of the exhibit prepared could be made use of. However, the preparation of this exhibit has had a beneficial influence on our student body, stimulating the students to attain greater excellence in their workmanship, and emphasizing most forcibly to their minds the importance of exactness in every detail.

There have been no changes made to the building or additions to our equipment since my last report. The building is a two-story frame structure, 35 feet in width by 80 feet in length, having a total floor space of 5,600 square feet. The mechanical department occupies 2,360 square feet of this space, the balance, 2,240 square feet, being taken by other departments. The drafting room, which formerly was located in the upper front room of this building, is still in its temporary quarters, a small room on the third floor of the college's main building. As I reported previously, this room is too small for the purpose intended, as we can only find room for the fifteen drawing desks by overcrowding the floor space. The wood-

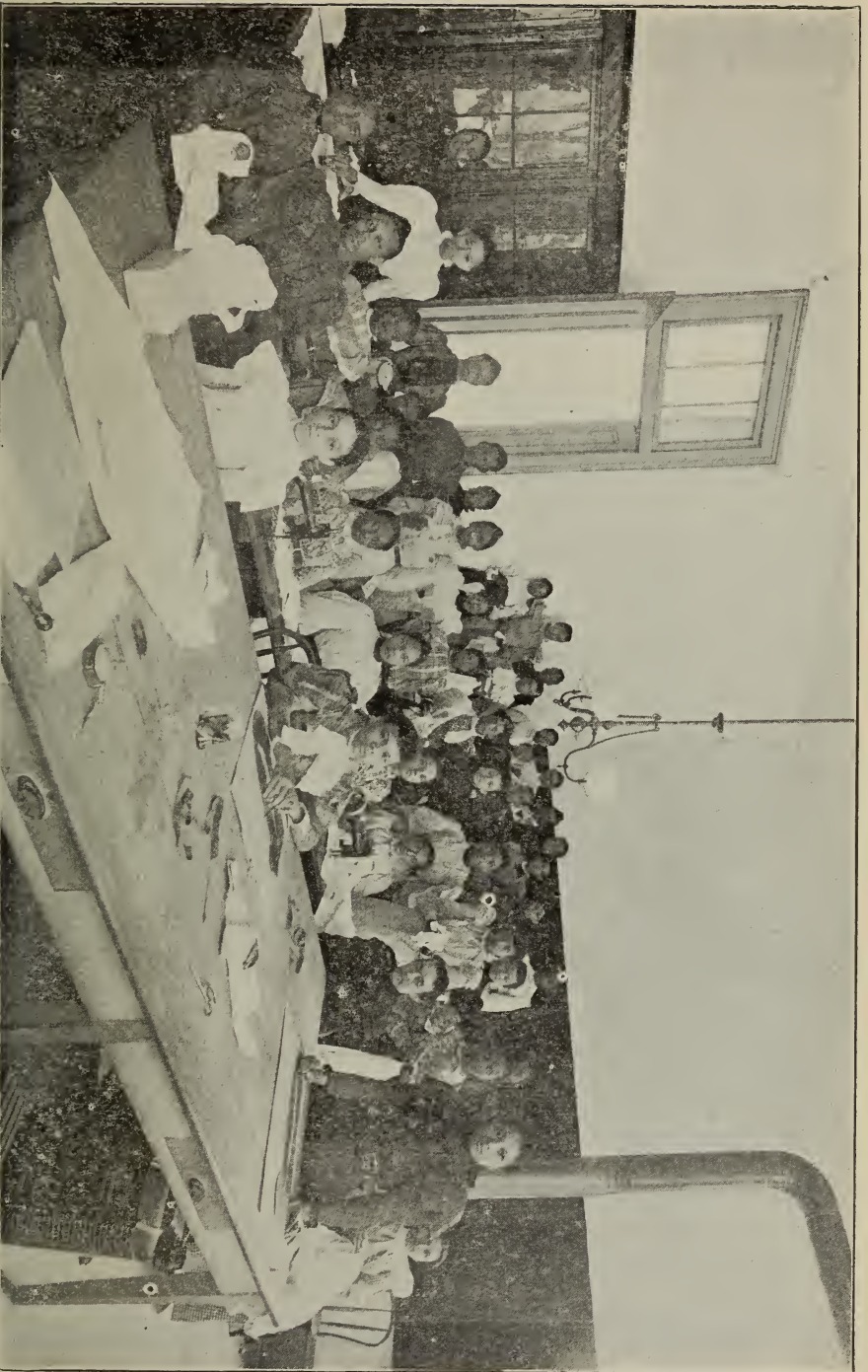
working shop is equipped with one steam boiler and engine of 8-horsepower capacity; also three wood turning lathes, one band saw, two jig or scroll saws, one grind-stone, all operated by the above mentioned engine. And one lath, one mortiser, one small circular saw, one former, and two small scroll saws operated by foot and hand power. Besides, there are twelve single work benches and two double benches, each having a set of necessary tools.

The tin shop, situated in the rear room on the second floor of the mechanical building contains benches and tools for a class of eight students. By giving one hour's instruction to each class we can instruct 40 students in a session of five hours. Though this capacity is not up to our present requirements, we can make no further enlargement, as all the floor space in this building is in use for other purposes.

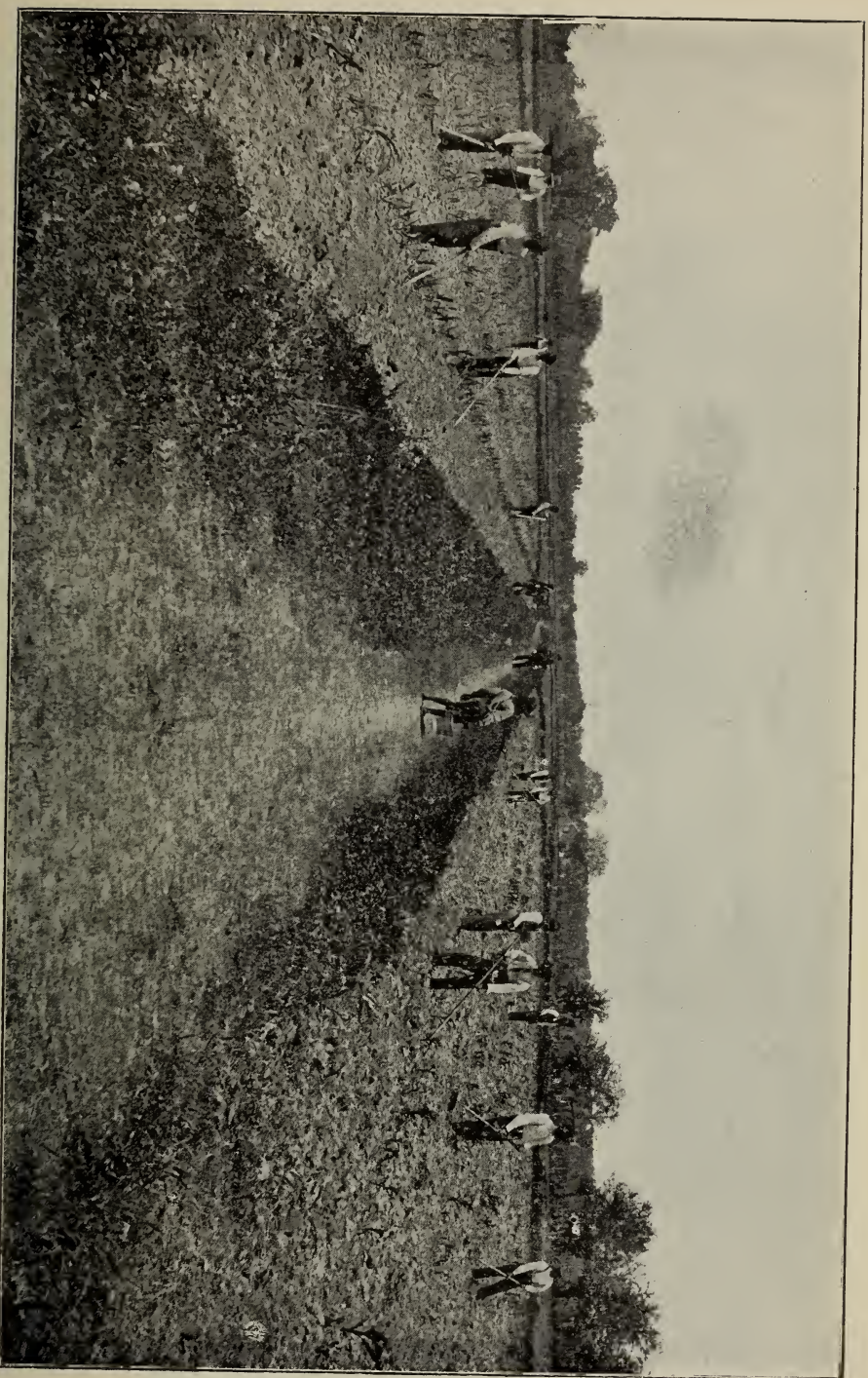
Very respectfully submitted,

M. F. MITHOFF,

Principal Mechanical Department.



SOUTHERN UNIVERSITY—GIRLS' INDUSTRIAL DEPARTMENT.



SOUTHERN UNIVERSITY FARM—AT WORK IN THE FIELDS.



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